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(11)

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- (54) Filling material for soft tissue implant prostheses and implants made therewith
- (57) A new soft tissue implant filling material is disclosed. The material may be polyvinylpyrollidone, polyvinyl alcohol, hydroxypropylmethyl cellulose, polyethylene oxide, hyaluronic acid, sodium or calcium alginate,

hydrogel polyurethane, hydroxyethyl starch, polyglycolic acid, polyacrylamide, hydroxyethylmethacrylate (HE-MA), and several naturally derived biopolymers including sodium kinate, seaweed, and agar.



EUROPEAN SEARCH REPORT

Application Number EP 96 30 0768

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF TH	
Category	Citation of document with of relevant p	indication, where appropriate,	Relevant to claim	CLASSIFICATION OF TH APPLICATION (Int.CL6)
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	The present search report has h	een drawn up for all claims		
Place of search		Date of completion of the search		
X : part Y : part doct A : tech O : non	THE HAGUE CATEGORY OF CITED DOCUME icularly relevant if taken alone icularly relevant if combined with an intent of the same calegory nological background written disclusive mediate document	E : earliér paient doc after the filing du other D : document cited in L : document cited fo	le underlying the cument, but publiste ate a the application or other reasons	ished on, or



CI	AIMS INCURRING FEES
The prese	nt European patent application comprised at the time of filling more than ten claims.
	All claims lees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
	Only part of the claims fees have been paid within the prescribed time limit. The present European search
	report has been grawn up for the first ten claims and for those claims for which claims fees have been paid.
	namely claims:
	No claims tees have been paid within the prescribed time limit. The present European search report has been
	drawn up for the first ten Claims.
	OF ALLEY OF INVENTION
l 	ACK OF UNITY OF INVENTION The Division considers that the present European patent application does not comply with the requirement of unity of
1	and relates to several inventions or groups of inventions.
namely:	•
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	All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
	Only part of the further search less have been paid within the fixed time limit. The present European search
	report has been drawn up for those parts of the European patent application which relate to the inventions in
	respect of which search fees have been paid.
	namely claims:
	None of the further search fees has been paid within the fixed time Smit. The present European search report
	has been drawn up for those parts of the European gatent application which relate to the invention first mentioned in the claims.
	namely claims:
	riorrier statuta.



EUROPEAN SEARCH REPORT

EP 96 30 0768

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Х	US-A-5 344 451 (DAY September 1994 * column 4, line 26	TON MICHAEL P) 6 5 - line 68; claims *	1,11,13	
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EPO FORM 1503 00.82 (P04C01)



European Patent Office

EP 96 30 0768 -B-

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,

- Claims 1 (partially); 2-5,15-18 (completely):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyvinylpyrrolidon.
- Claims 1(partially); 6-11,13 (completely):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a get or viscous liquid consisting of hydroxypropylmethyl cellulose, hyaluronic acid, sodium or calcium alginate, hydroxyethyl starch and several naturally derived biopolymers including sodium kinate, seaweed and agar.
- Claims 1 (partially); 12 (completely):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyvinyl alcohol.
- Claims 1 (partially); 14 (completely):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyacrylamide.
- Claim 1 (partially):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of polyethylene oxide.
- Claim 1 (partially):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of hydrogel polyurethane.
- 7. Claim 1 (partially):
 An implantable soft tissue prosthesis comprising a hollow shell and a filling material comprising a gel or viscous liquid consisting of hydroxyethyl methacrylate (HEMA).



EUROPEAN SEARCH REPORT

Application Number EP 96 30 0768

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X : par Y : par	CATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with another	rinciple underlying the document, but put ling date cited in the application	he invention blished on, or on			
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